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UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. 45355-213	
(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))		First Inventor Timothy Alan Ascherman	
		Title METHOD AND APPARATUS FOR MEASURING GAS TRANSMISSION RATES OF DEFORMABLE OR BRITTLE MATERIALS	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		Express Mail Label No. EL 850586656 US	
		ADDRESS TO: MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. (See 37 CRF 1.27)</p> <p>3. <input checked="" type="checkbox"/> Specification Total Pages (22) (preferred arrangement set forth below) - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Informal Drawing(s) (35 U.S.C. 113) Total Sheets (5)</p> <p>5. <input type="checkbox"/> Oath or Declaration a. <input type="checkbox"/> Unexecuted (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> </div> <div style="width: 48%;"> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies</p> </div> </div>			
<div style="border: 1px solid black; padding: 5px;"> ACCOMPANYING APPLICATION PARTS <p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>16. <input type="checkbox"/> Other: _____</p> </div>			
<p>17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheets under 37 CFR 1.76:</p> <p> <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application no.: _____ </p> <p> Prior application information: Examiner: _____ Group / Art Unit: _____ </p> <p>For CONTINUATION or DIVISIONAL only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>			
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Address Oppenheimer Wolff & Donnelly LLP 45 South Seventh Street, Suite 3300		or <input type="checkbox"/> Correspondence address below	
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		Fax	612.607.7100
		Registration No. (Attorney/Agent)	34,950
Signature			Date
			October 31, 2003

UTILITY PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ascheman, et al.
Filed : Herewith
Title : METHOD AND APPARATUS FOR
MEASURING GAS TRANSMISSION
RATES OF DEFORMABLE OR BRITTLE
MATERIALS
Docket No : 45355-213

CERTIFICATE OF EXPRESS MAIL

EXPRESS MAIL Mailing Label Number: EL 850586656 US
Date of Deposit: October 31, 2003

I hereby certify that these papers and fee(s) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Paper(s) Enclosed:

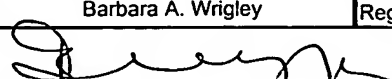
- ☒ Certificate of Express Mail
- ☒ Postcard
- ☒ Application Data Sheet
- ☒ Utility Patent Application Transmittal
- ☒ Fee Transmittal
- ☒ Patent Application including, specification (15 pages), claims (6 pages) and abstract (1 page)
- ☒ Informal Drawings (5 pages)

By: Pamela J. Pederson
Pamela J. Pederson, Secretary to Barbara A. Wrigley
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ORIGINAL

FEE TRANSMITTAL for FY 2003 <i>Patent fees are subject to annual revision.</i>		<i>Complete if Known</i>	
		Application Number	
		Filing Date	October 31, 2003
		First Named Inventor	Timothy Alan Ascherman
		Examiner Name	
		Group Art Unit	
TOTAL AMOUNT OF PAYMENT	\$489.00	Attorney Docket No.:	45355-213

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																													
1. <input checked="" type="checkbox"/> Authorized to charge indicated fees or credit Deposit Acct No. 50-1901 Name: Oppenheimer Wolff & Donnelly LLP <input checked="" type="checkbox"/> Charge Any Add'l Fee Required Under 37 CFR 1.16 and 1.17 Applicant Claims Small Entity 2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>Filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - 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late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	Filing a request for <i>ex parte</i> reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	420	2252	210	Extension for reply within second month		1253	950	2253	475	Extension for reply within third month		1254	1,480	2254	740	Extension for reply within fourth month		1255	2,010	2255	1,005	Extension for reply within fifth month		1401	330	2401	165	Notice of Appeal		1402	330	2402	165	Filing a brief in support of an appeal		1403	290	2403	145	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,330	2453	665	Petition to revive - unintentional		1501	1,330	2501	665	Utility issue fee (or reissue)		1502	480	2502	240	Design issue fee		1503	640	2503	320	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	130	1807	130	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		1801	770	2801	385	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) _____						SUBTOTAL (1)				\$385.00	
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SUBMITTED BY		<i>Complete (if applicable)</i>	
Name	Barbara A. Wrigley	Registration No.:	34,950
Signature		Telephone:	(612) 607-7595
		Date:	October 31, 2003